Ministry of
Northern Development
and Mines

Ontario

René Fontaine
Minister

George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

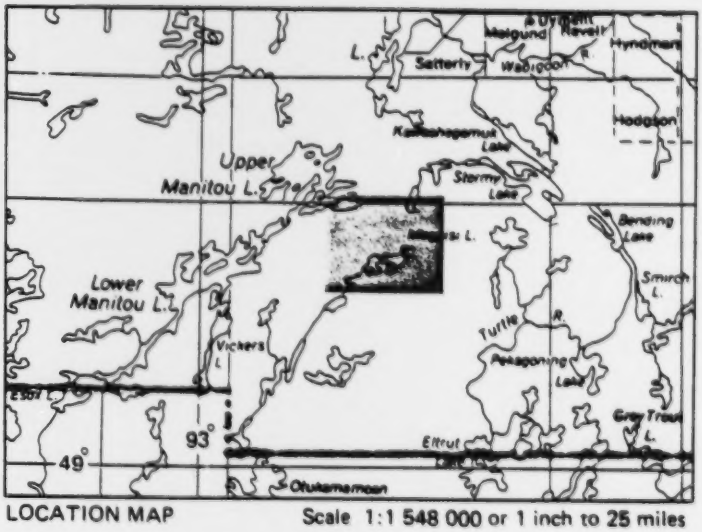
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 314

MEGGISI LAKE AREA

DISTRICT OF KENORA

Compiled by the staff of
the Resident Geologist's Office
Kenora



LOCATION MAP

Scale 1:1 548 000 or 1 inch to 25 miles

87-00197/

NTS Number 52F/07 SE

Mining Claim Map Number Meggisi Lake Area G-2688 (M-2553)

This project is a component of the Northern Ontario Geological Survey (NOGS) Program.

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1986: Meggisi Lake Area, District of Kenora; Ontario Geological Survey, Geological Data Inventory Folio 314 compiled by the staff of the Resident Geologist's Office, Kenora, 18 pages and 2 maps.

Original Compilation by: M.R. Patterson, C.B. Ravnaas

Date	Page Revised	Revised by

Date	Page Revised	Revised by

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ACCOMPANYING MAPS

Property Location Map - 1
Exploration Data Map - 1
Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	31.103 476 8	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	YES	CBR JAN/86
2	Assessment Files Research Office, Toronto		
3	ODM General Index; 9 volumes	YES	CBR JAN/86
4	Catalogue of Airborne Geophysical Surveys (ODM)		
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	NO	CBR JAN/86
6	ODM Industrial Mineral Reports	NO	CBR JAN/86
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	NO	CBR JAN/86
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	NO	CBR JAN/86
9	Newspaper Clippings File	YES	CBR JAN/86
10	GSC Index to Publications		
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	NO	CBR JAN/86
12	OGS Index Maps	YES	CBR JAN/86
13	Source Mineral Deposit Records (O.G.S.) and MDIR'S	NO	CBR JAN/86
14	Author - Subject Articles File		
15	Miscellaneous Papers: ODM & OGS	YES	CBR JAN/86
16	ODM Geological Circulars: OGS Study Series	NO	CBR JAN/86
17	ODM Preliminary Reports: ODM Bulletins	YES	CBR JAN/86
18	ODM – OGS Open File Reports	YES	CBR JAN/86
19	OGS Northern Ontario Engineering Geology Terrain Studies	YES	CBR JAN/86
20	OGS Aggregate Resources Inventory Papers	NO	CBR JAN/86
21	OGS Mineral Potential Maps	YES	CBR JAN/86
22	Theses on File, Kenora	YES	CBR JAN/86
23	Aerial Photos on File, Kenora	YES	CBR JAN/86
24	OBM Maps on File, Kenora	YES	CBR JAN/86

METALS AND MINERALS REFERENCES LIST

△ anh. . . . . Anhydrite
△ ank. . . . . Ankerite
△ anna . . . . . Annabergite
△ ap. . . . . Apatite
△ arg . . . . . Argentite
△ As . . . . . Arsenic
△ asp . . . . . Arsenopyrite
△ asb . . . . . Asbestos
△ ba. . . . . Barite
△ be. . . . . Beryl
△ Bi. . . . . Bismuth
△ bn . . . . . Bornite
△ bran . . . . . Brannerite
△ bruc . . . . . Brucite
△ Cd . . . . . Cadmium
△ calc. . . . . Calcite
△ carb . . . . . Carbonate
△ cel . . . . . Celestite
△ cc. . . . . Chalcocite
▲ cp. . . . . Chalcopyrite
△ ch. . . . . Chert
△ clay . . . . . Clay
△ Co . . . . . Cobalt
△ cob. . . . . Cobaltite
△ cb. . . . . Columbite
△ Cu . . . . . Copper
△ cor . . . . . Corundum
△ dol . . . . . Dolomite
△ ep. . . . . Epidote
△ ery . . . . . Erythrite
△ fel . . . . . Feldspar
△ fl . . . . . Fluorite (flurospar)
△ fu. . . . . Fuchsite
△ gn. . . . . Galena
△ gt . . . . . Garnet
△ goe . . . . . Goethite
▲ Au . . . . . Gold
▲ gf . . . . . Graphite
△ gl . . . . . Gravel
△ gyp. . . . . Gypsum
△ hem . . . . . Hematite
△ il . . . . . Ilmenite
△ Fe . . . . . Iron
△ IF. . . . . Iron Formation
△ jas . . . . . Jasper
△ kaol . . . . . Kaolinite (kaolin)
△ ky . . . . . Kyanite
△ Pb . . . . . Lead
△ lim . . . . . Limonite
△ Li. . . . . Lithium
△ mgst . . . . . Magnesite
▲ mag . . . . . Magnetite
△ mc . . . . . Malachite
△ Mn . . . . . Manganese
△ mb . . . . . Marble
△ mar. . . . . Marcasite
△ ma . . . . . Marl
△ mi . . . . . Mica
△ ml . . . . . Millerite
△ mo . . . . . Molybdenite
△ Mo . . . . . Molybdenum
△ mon . . . . . Monazite
△ ne. . . . . Nephelite (nepheline)
△ nc. . . . . Niccolite
△ Ni. . . . . Nickel
△ Nb . . . . . Niobium
△ Pd . . . . . Palladium
△ peat . . . . . Peat
△ pent . . . . . Pentlandite
△ Pt. . . . . Platinum
▲ py . . . . . Pyrite
△ pyl . . . . . Pyrochlore
△ pyrl . . . . . Pyrolusite
▲ po . . . . . Pyrrhotite
△ q . . . . . Quartz
△ qcv . . . . . Quartz carbonate vein
△ ra. . . . . Radioactive minerals
△ RE . . . . . Rare Earths
△ sd. . . . . Sand
△ sgl . . . . . Sand and gravel
△ ss . . . . . Sandstone
△ scap . . . . . Scapolite
△ shee . . . . . Scheelite
△ serp . . . . . Serpentine
△ sh. . . . . Shale
△ sid . . . . . Siderite
△ si . . . . . Silica
▲ Ag . . . . . Silver
△ sl . . . . . Slate
△ sm . . . . . Smaltite
△ sod . . . . . Sodalite
△ spec . . . . . Specularite
▲ sp. . . . . Sphalerite
△ spd . . . . . Spodumene
△ staur . . . . . Staurolite
△ stib. . . . . Stibnite
△ st . . . . . Stone
△ talc. . . . . Talc
△ Te . . . . . Tellurium
△ td. . . . . Tetrahedrite
△ th. . . . . Thorite
△ Th . . . . . Thorium
△ thuc . . . . . Thucholite
△ ti . . . . . Titanite
△ Ti. . . . . Titanium
△ tour . . . . . Tourmaline
△ trap . . . . . Trap rock
△ W. . . . . Tungsten
△ uran . . . . . Uraninite
△ U . . . . . Uranium
△ verm . . . . . Vermiculite
△ Y . . . . . Yttrium
△ Zn . . . . . Zinc
△ zr . . . . . Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Mineral Deposit Inventory Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Canadian Nickel Company Limited Occurrence	po, py, cp, sp, gf			1970: 10 to 20% py, po was intersected over a 4 metre width within metasediments and gabbros. Trace cp, sp.
B	Canadian Nickel Company Limited Occurrence	py, po, gf			1970: Graphitic schist having between 13 and 70% py, po over 4.5 metres width.
C	Canadian Nickel Company Limited Occurrence	py			1970: 10% py intersected over a width less than 0.5 metres.
D	Dejour Mines Occurrence	py, po, cp			1970: py, po minor cp in silicified sheared volcanics.
E	Dejour Mines Occurrence	py, po, cp, gf			1970: po, py trace cp in sheared volcanics.
F	Dorothy Lake Occurrence	py, cp			py and cp with mafic metavolcanics.
G	U.S.E.S. Occurrence	Au, Ag			1983: Maximum value of 5743 ppb Au recorded from trench-rock samples.

GDIF FORM NO. 1

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE KENORA COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1	Canadian Nickel Co. Ltd. 52F/7SE A-1				70															
2.	Canadian Nickel Co. Ltd. 52F/7SE A-2				70															
3.	Derry, Michener, Booth 52F/8SW C-2	70		70					70	70		70	70[1]				70			
4.	Jalna Resources Ltd. 52F/7SW Z-2 AFRO File: 2.876								85	85										
5.	Renders, Pete 52F/7SE C-1			83		83														
6.	Renders, Pete 52F/7SE C-2 AFRO File: 2.6710		83																	

Notes: 1. Vertical Loop E.M.
Fixed Transmitter E.M.
and Broadside E.M. Surveys Performed

GDIF FORM NO. 7

Meggisi Lake Area

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden (feet)	Total Length of Hole (feet)	Mineralization Noted in Log	Assay Data Included for
1.	Canadian Nickel Co. Ltd.	42760-0	May/70	213°	-50°	10.0	110.0	po, py, cp, sp, gf	
2.	Canadian Nickel Co. Ltd.	42764-0	June/70	136°	-50°	3.0	229.0	po, py, gf, cp	
3.	Canadian Nickel Co. Ltd.	42765-0	June/70	206°	-50°	7.0	122.0	py, po, cp	

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude (feet)	Flight Line Direction	Flight Line Spacing (feet)
3.	Questor Surveys Limited Dejour Mines Ltd. (Derry, Michener, Booth) 52F/8 SW; C-2	Electromagnetic	400	NE/SW	880
4.	Geotech Ltd. Jalna Resources Ltd. 52F/2 NW; D-1	Electromagnetic, Magnetic, VLF	200	NW/SE	660

GDIF FORM NO. 4

Meggisi Lake Area

GEOCHEMICAL SURVEY DATA

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference
1.	Humus Sampling	Au, Ag	University Students Exploration Syndicate (U.S.E.S.)	Assessment File: 52F/7 SE; C-1

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result
1.	Zircon U - Pb	Porphyritic Quartz Monzonite	Davis et al. C.J.E.S., Vol 18, p. 254 - 266	2695 $\pm$ 3.6 Ma

GDIF FORM NO. 6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Kenora

Jalna Resources Limited

ODM GENERAL INDEX SEARCH

Words searched: Canadian Nickel Co. Ltd., Dejour Mines, Lynx-Canada Exploration Limited, Meggisi Lake, Scattergood Lake Stock, Taylor Lake Stock, Thundercloud Lake, University Students Exploration Syndicate.

Index Volume	Listing:	Report Volume	Part	Page
VIII	Canadian Nickel Co. Ltd. Meggisi Lake Area,	MP 63		40
	Lynx-Canada Exploration Ltd. Meggisi Lake Area,	MP 63		40
	Meggisi-Boyer Lake Area. Summary of Field Work 1975, by C.E. Blackburn,	MP 63		39 - 43
IX	Scattergood Lake Stock. Lower Manitou L. Area,	GR 142		41, 43
	Thundercloud Porphyry. Isotopic Age, Thundercloud Lake Area,	MP 92		26, 28

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL REPORTS AND MAPS		
Blackburn, C.E.	1975	Boyer-Meggisi Lakes Area, District of Kenora, Summary of Field Work 1975, Edited by J.G. Milne, D.F. Hewitt, K.D. Card, J.A. Robertson.	ODM MP 53	p. 39 - 43
Blackburn, C.E.	1981	Geology of the Boyer Lake - Meggisi Lake Area, District of Kenora. Accompanied by Map 2438.	ODM Report 202	1" to ½ mile (1:31 680)
Blackburn, C.E.	1976	Geology of the Lower Manitou-Uphill Lakes Area, District of Kenora. Accompanied by Map 2320.	ODM GR 142	1" to ½ mile (1:31 680)
Blackburn, C.E.	1982	Geology of the Manitou Lakes Area, Districts of Kenora (Stratigraphy and Petrochemistry). Accompanied by Map 2476.	ODM GR 223	(1:50 000)
Blackburn, C.E.	1976	Meggisi Lake Area, District of Kenora.	ODM Map P. 1188	1" to ¼ mile (1:15 840)
Davis, D.W. Blackburn, C.E., Krogh, T.F.	1981	Zircon U - Pb Ages From the Wabigoon-Manitou Lake Region, Wabigoon Subprovince, Northwestern Ontario.	Canadian Journal of Earth Sciences. Vol 18, Number 1	p. 254 - 266
Davis, D.W., Blackburn, C.E., Trowell, N.F., Edwards, G.R.	1978	Geochronology of the Savant-Crow Lake Area, Western Wabigoon Subprovince, Districts of Kenora, Rainy River and Thunder Bay. Summary of Geochronology Studies 1977-1979, Edited by E.G. Pye.	ODM MP 92	p. 24 - 33
Goodwin, A.M.	1965	Preliminary Report on Volcanism and Mineralization in the Lake of the Woods-Manitou Lake - Wabigoon Region of Northwestern Ontario.	ODM PR 1965 - 2	1" to 4 miles (1:253 440)

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Longstaffe, Frederick John	1977	The Oxygen Isotope and Elemental Geochemistry of Archean Rocks from Northern Ontario; Ph.D. Thesis, McMaster University.		443 pages
McMaster, Glen Edward	1978	Archean Volcanism and Geochemistry Washeibamaga-Thundercloud Lakes Area, Wabigoon Subprovince-Superior Province, Northwestern Ontario; M.Sc. Thesis, McMaster University.		222 pages
Pichette, R.J.	1976	Petrology and Geochemistry of the Taylor Lake Stock, Superior Province, Northwestern Ontario; B.Sc. Thesis, McMaster University.		99 pages
Sabag, Shahe F.	1979	The Geochemistry and Petrology of Granitoids at Meggisi Lake, Northwestern Ontario; M.Sc. Thesis, University of Toronto.		283 pages
Teal, Phillip Rae	1979	Stratigraphy, Sedimentology, Volcanology and Development of the Archean Manitou Group, Northwestern Ontario; Ph.D. Thesis, McMaster University.		291 pages
Teal, Suzanne, E.	1974	Petrography and Provenance of an Archean Conglomerate, Manitou Lake, Northwestern Ontario; B.Sc. Thesis, McMaster University.		70 pages

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Mackasey, W.O., Blackburn, C.E., Trowell, N.F.	1974	A Regional Approach to the Wabigoon-Quetico Belts and its Bearing on Exploration in Northwestern Ontario.	ODM MP 58	
Thomson, Jas, E.	1934	Geology of the Manitou-Stormy Lakes Area, Ontario Dept. of Mines Annual Report for 1933. Accompanied by Map 42C.	ODM Vol. 42 Part 4	1" to 1 mile (1:63 360)
		THESES		
Birk, W. Dieter	1978	The Nature and Timing of Granitoid Plutonism in the Wabigoon Volcanic-Plutonic Belt, Northwestern Ontario; Ph.D. Thesis, McMaster University.		p. 116 - 125
Casey, John	1976	A Petrographic Study of the Sunshine Lake Volcanics of Northwestern Ontario; B.Sc. Thesis, Saint Francis Xavier University.		16 pages
Coker, William Bernard	1974	Lake Sediment Geochemistry in the Superior Province of the Canadian Shield; Ph.D. Thesis, Queen's University.		296 pages
Foland, Sara, S.	1982	Geochemistry, Geochronology and Origin of an Archean Greenstone-Granite Terrain, Wabigoon Subprovince, Northwestern Ontario; M.Sc. Thesis, University of Montana.		166 pages

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
O.D.M. - G.S.C.	1961	Upper Manitou Lake Sheet 52F/7. Aeromagnetic Series.	Geophysics Paper 1153	1" to 1 mile (1:63 360)
O.G.S.	1980	Airborne Electromagnetic and Total Intensity Magnetic Surveys. Manitou-Stormy Lakes Area, District of Kenora. Geophysical/Geochemical Series.	Maps 80472, 80473, 80479	(1:20 000)
O.G.S. - G.S.C.	1977	Airborne Gamma-Ray Spectrometry Survey, Dryden Sheet, Districts of Kenora and Rainy River. Geophysical Series.	Prelim. Maps P. 1460 to P. 1466	1" to 4 miles (1:253 440)
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Roed, M.A.	1980	Gold Rock Area, Districts of Kenora and Rainy River, Northern Ontario Engineering Geology Terrain Study. Accompanied by Map 5061.	NOEGTS 38	(1:100 000)
Zoltai, S.C.	1965	Surficial Geology, Kenora - Rainy River. Ont. Dept. of Lands and Forests.	Map S165	1" to 8 miles (1:506 880)
		MINERAL POTENTIAL MAPS		
Springer, J.S., Robertson, J.A. Vos, M.A.	1982	Mineral Potential Map of Ontario, West Central Sheet, NTS 41 NW, 42W, 43 SW, 52, 53 SE.	OFR 5326	1" to 8 miles (1:1 013 760)
Springer, J.S.	1978	Dryden Sheet, Districts of Kenora and Rainy River. Mineral Deposit Series.	OGS Map P. 1530	1:250 000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL COMPILATION MAPS		
Beard, R.C., Garrett, G.L.	1976	Gold Deposits of the Kenora-Fort Frances Area, Districts of Kenora and Rainy River. Accompanied by Chart A.	MDC 16	1" to 4 miles (1:253 440)
Blackburn, C.E.	1981	Kenora - Fort Frances, Kenora and Rainy River Districts. Geological Compilation Series.	OGS Map 2443	1" to 4 miles (1:253 440)
Davies, J.C.	1964	Manitou Lakes Sheet, Districts of Kenora and Rainy River. Geological Compilation Series.	ODM Map P. 242	1" to 2 miles (1:126 720)
Easton, R.M.	1986	Geochronology Compilation Map for Ontario; West-Central Ontario, Compilation Series.	OGS Map P. 2843	1" to 16 miles (1:1 013 760)
Gordon, J.B.	1977	Gold Deposits of Ontario, West Central Sheet, Districts of Kenora (Patricia Portion), Thunder Bay, Algoma and Cochrane. Mineral Deposits Series.	OGS Map P. 1227	1" to 16 miles (1:1 013 760)
McInnes, W.	1902	Manitou Lake Sheet, District of Rainy River, Province of Ontario.	GSC Map No. 720	1" to 4 miles (1:253 440)
		GEOPHYSICAL MAPS		
GEO-ANALYSIS (1981) Ltd.	1981	The Identification of Structural Linears From Landsat Imagery In Northwestern Ontario. Energy, Mines and Resources Canada, Earth Physics Branch, Seismological Service of Canada.	OF 82 - 13	9 Images at 1:250 000 5 Maps at 1:1 000 000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages

GDIF FORM NO.9

NOTES AND ADDENDA

AERIAL PHOTOGRAPH INDEX

Scale 1" to ¼ mile. (OGS)

1982

Roll	Line	Photo Numbers
49	4911	12 - 28
20	4911	164 - 167
38	4912	31 - 44
38	4913	148 - 161
37	4914	152 - 164
37	4915	34 - 53
36	4916	196 - 210

1976

Roll	Line	Photo Numbers
20	4910	150 - 164
20	4911	68 - 81
5	4912	229 - 241
5	4913	149 - 161
5	4914	66 - 78
31	4915	1 - 8
32	4915	188 - 196

Note: 1965 Photographs on file in Resident Geologist's Office, Kenora.
Scale 1" to 1 mile. (EMR)

1952

A13560	152 - 155 *
A13561	57 - 60 *

* Photographs on file in Resident Geologist's Office, Kenora.

ONTARIO BASE MAP SERIES

Scale 1:20 000

20 13 5300 54600
20 13 5300 54500
20 13 5200 54600 +
20 13 5200 54500

\+ Published Maps Currently Available.

Upper Manitou L

Sunshine L

4

Taylor L

Taylor L

Ken

Sunshine Lake

Uphill L.

Dorothy L

1

1

Scattergood

Taylor

Taylor L

Kennewapekko Lake

Thundercloud Lake

5.6

3

92°32'00"

49°21'30"

Dorothy L

1

1

2

R.

Ontario

Ministry of Northern Development and Mines

René Fontaine
Minister

George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 314

(Map 1 of 2)

MEGGISI LAKE AREA

DISTRICT OF KENORA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

Scattergood

Lake

Meggisi

Lake

49°16'00"

92°43'00"

Trout

Kinnyu

Kinnyu Lake

Lake

Rawlinson L.

Kinnyu L.

Kinnyu Lake

Rawlinson Cr.

EXPLORATION DATA FILE AREAS

■ ① ⑥ Reference number is always inside work area outlined. See listing in text pages.

□ x ④ Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly Length of anomaly along flight line
- Airborne electromagnetic anomaly Location of anomaly along flight line
- Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly (VL - Vertical loop; HL - Horzontal loop; VLF - Very low freq; Turam; JEM - Crone Em - 16)
- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly (total intensity)
- Resistivity anomaly
- Gravity anomaly
- Airborne VLF Electromagnetic Anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Rock quarry

Sunshine L

Lake

Taylor L

Taylor L

Kennewapekko Lake

Thundercloud Lake

92°32'00"

49°21'30"

Dorothy L

py, cp

py, cp

mag

mag

mag

mag

mag

1 A
po, py, cp, sp, gl

2 B
py, po, gl

3 C
py

py, po, cp, gl
E

py, po, cp
D

py, po

py

py

py

py

py

502

502

Ministry of Northern Development and Mines

Ontario

René Fontaine
Minister

George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 314

(Map 2 of 2)

MEGGISI LAKE AREA

DISTRICT OF KENORA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

cp A. Mineral occurrence at surface, with reference letter

Induced polarization anomaly

SP — Self potential anomaly

AFMAG — Audio-frequency magnetic anomaly (total intensity)

R — Resistivity anomaly

GR — Gravity anomaly

Airborne VLF Electromagnetic Anomaly

MISCELLANEOUS DATA

Trenching, pit

Rock quarry

Adit

Sand and/or gravel pit

Open pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

Meggisi Lake

Kinnyu Lake

Rawlinson Cr

TYPES OF DATA SH

- cp A.
- Au A. 84'
- Ag A.
- cp A.
- cp A
- Lo
- Lo nu
- De
- Pr re
- Pr wi
- Re nu

Lake

Rawlinson

Kinnyu L.

Kinnyu Lake

Rawlinson Cr.

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- ■ cp ▲ A. — Mineral occurrence at surface, with reference letter
- □ Au ◪ A. 84' — Mineral occurrence with shaft, depth given with reference letter
- □ Ag △ A. — Mineral occurrence reported but exact location uncertain, with reference letter
- □ cp ▬ A. — Mineralized float with reference letter
- ■ cp ▲ A — Mineral occurence in drillhole, with reference letter, and drillhole number

DRILLHOLE

- ■ ●² — Location of single drillhole, with reference number
- □ ◉² — Location of closely spaced group of drillholes, with reference number
- □ ⊙² — Drillhole, exact location uncertain, with reference number
- □ ◎ — Property with underground drillholes in this general area, with reference number
- □ ○² — Property with drillholes which have not been plotted on map, with reference number
- □ ⊕² — Reverse circulation drillhole; churn drilling, with reference number